ABSTRACT OF THE DISCLOSURE

An authentication key is presented to a data processing device by an enable key block (EKB). Even in a case where a memory device does not have an executing function for a mutual authentication processing, an establishment of the mutual authentication processing with a virtual memory device constructed in the data processing device is made as a condition for a data reproduction processing from the memory device or a data recording processing to the memory device. In an unfair data processing device, it is so constructed to present the authentication key by non-decodable enabling key block (EKB), so that only a fair data processing device is able to be authenticated with the virtual memory device and to utilize the contents data.

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81